

WEST[Generate Collection](#)**Search Results - Record(s) 1 through 3 of 3 returned.**☐ 1. Document ID: US 6035285 A

L3: Entry 1 of 3

File: USPT

Mar 7, 2000

US-PAT-NO: 6035285

DOCUMENT-IDENTIFIER: US 6035285 A

TITLE: Electronic bill presenting methods and bill
consolidating methods

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KVMC	Draw Desc	Image
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☐ 2. Document ID: US 5943656 A

L3: Entry 2 of 3

File: USPT

Aug 24, 1999

US-PAT-NO: 5943656

DOCUMENT-IDENTIFIER: US 5943656 A

TITLE: Methods and systems for computerized bill
consolidating, billing and payment authorization,
computerized utility bill consolidating, utility billing
access and payment and utility provider consolidated billing
systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KVMC	Draw Desc	Image
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☐ 3. Document ID: US 5930773 A

L3: Entry 3 of 3

File: USPT

Jul 27, 1999

US-PAT-NO: 5930773

DOCUMENT-IDENTIFIER: US 5930773 A

TITLE: Computerized resource accounting methods and systems,
computerized utility management methods and systems,
multi-user utility management methods and systems, and
energy-consumption-based tracking methods and systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KVMC	Draw Desc	Image
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Terms	Documents
11 and 12	3

Documents, starting with Document:

Display Format:

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L3: Entry 1 of 3

File: USPT

Mar 7, 2000

US-PAT-NO: 6035285

DOCUMENT-IDENTIFIER: US 6035285 A

TITLE: Electronic bill presenting methods and bill
consolidating methods

DATE-ISSUED: March 7, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schlect; Ed	Spokane	WA	N/A	N/A
Crooks; Gerry	Spokane	WA	N/A	N/A
Genzberger; Janna	Spokane	WA	N/A	N/A
Kurtz; Rick	Spokane	WA	N/A	N/A
Feichtner; Mark	Spokane	WA	N/A	N/A
Kippenhan; Larry	Greenacres	WA	N/A	N/A
Gordon; Jody	Spokane	WA	N/A	N/A
Ziegler; Thada	Spokane	WA	N/A	N/A

ASSIGNEE INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Avista Advantage, Inc.	Spokane	WA	N/A	N/A	02

APPL-NO: 9/ 263467

DATE FILED: March 5, 1999

PARENT-CASE:

RELATED APPLICATIONS This application is a continuation-in-part of U S. patent application Ser. No. 08/992,678 filed Dec. 17, 1997 and Ser. No. 08/984,708, filed Dec. 3, 1997, now U.S. Pat. Nos. 5,930,773 and 5,943,656, respectively.

INT-CL: [7] G06F 17/60

US-CL-ISSUED: 705/30; 705/7, 705/32, 705/34, 705/40, 705/400
US-CL-CURRENT: 705/30; 705/32, 705/34, 705/40, 705/400, 705/7
FIELD-OF-SEARCH: 235/375, 235/376, 235/379, 340/870.01,
340/870.07, 395/20.3, 395/200.31, 395/200.33, 395/200.47,
395/200.48, 395/200.49, 705/1, 705/7, 705/11, 705/30, 705/32,
705/34, 705/40, 705/400, 709/200, 709/201, 709/203, 709/217,
709/218, 709/219

REF-CITED:

U.S. PATENT DOCUMENTS

Search Selected

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PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> <u>3852571</u>	December 1974	Hall et al.	235/61.7B
<input type="checkbox"/> <u>4485300</u>	November 1984	Peirce	235/380
<input type="checkbox"/> <u>4701601</u>	October 1987	Francini et al.	235/449
<input type="checkbox"/> <u>4803632</u>	February 1989	Frew et al.	705/412
<input type="checkbox"/> <u>4819162</u>	April 1989	Webb, Jr. et al.	705/32
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<input type="checkbox"/> <u>4893248</u>	January 1990	Pitts et al.	364/464.01
<input type="checkbox"/> <u>4949272</u>	August 1990	Vanourek et al.	364/464.02
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<input type="checkbox"/> <u>5220501</u>	June 1993	Lawlor et al.	364/408
<input type="checkbox"/> <u>5283829</u>	February 1994	Anderson	380/24
<input type="checkbox"/> <u>5287270</u>	February 1994	Hardy et al.	705/34
<input type="checkbox"/> <u>5301105</u>	April 1994	Cummings, Jr.	364/401
<input type="checkbox"/> <u>5325290</u>	June 1994	Cauffman et al.	705/34
<input type="checkbox"/> <u>5383113</u>	January 1995	Kight et al.	364/401
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<input type="checkbox"/> <u>5496991</u>	March 1996	Delfer, III et al.	235/379
<input type="checkbox"/> <u>5606497</u>	February 1997	Cramer et al.	705/32
<input type="checkbox"/> <u>5649117</u>	July 1997	Landry	395/240
<input type="checkbox"/> <u>5684965</u>	November 1997	Pickering	705/34
<input type="checkbox"/> <u>5699051</u>	December 1997	Billig et al.	340/657
<input type="checkbox"/> <u>5699528</u>	December 1997	Hogan	395/240
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<input type="checkbox"/> <u>5790677</u>	August 1998	Fox et al.	380/24
<input type="checkbox"/> <u>5794212</u>	August 1998	Mistr, Jr.	705/26
<input type="checkbox"/> <u>5794221</u>	August 1998	Egendorf	705/40
<input type="checkbox"/> <u>5832460</u>	November 1998	Bednar et al.	705/27

<input type="checkbox"/> 5832460	November 1998	Bednar et al.	705/27
<input type="checkbox"/> 5842183	November 1998	Delfer et al.	705/34
<input type="checkbox"/> 5842185	November 1998	Chancey et al.	705/40
<input type="checkbox"/> 5873072	February 1999	Kight et al.	705/40

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY
WO 97/20278	June 1997	WOX
WO 97/24688	July 1997	WOX
WO 97/48161	December 1997	WOX
WO 98/13797	April 1998	WOX
WO 98/4440	August 1998	WOX
WO 98/38590	September 1998	WOX
WO 98/58339	December 1998	WOX

ART-UNIT: 271

PRIMARY-EXAMINER: Cosimano; Edward R.

ATTY-AGENT-FIRM: Wells, St. John, Roberts, Gregory & Matkin,
P.S.

ABSTRACT:

Electronic bill-presenting methods and bill consolidation methods are described. In one embodiment billing information pertaining to a labor-dependent service which has been rendered to a consumer is received into a host computer which preferably includes a processor. With the processor, the billing information is processed by auditing the billing information against at least one tolerance parameter to determine whether said billing information satisfies the one tolerance parameter. Processed billing information is provided into a computer-viewable format, wherein the consumer can view the processed billing information and authorize payment thereof. In another embodiment, a bill consolidation method comprises receiving into a host computer billing information pertaining to a plurality of at least one of a service or material which has been rendered or provided, respectively, to a consumer. The host computer has a processor and an interface device. With the processor, the billing information is processed to provide processed billing information which includes a consolidated amount which is owed by the consumer. The processed billing information is provided into a computer-viewable format, and the consumer is provided with remote access to the processed billing information in the computer-viewable format via the interface device. The consumer can view the processed billing information which includes the consolidated amount. Other embodiments are described.

77 Claims, 91 Drawing figures

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L3: Entry 2 of 3

File: USPT

Aug 24, 1999

US-PAT-NO: 5943656

DOCUMENT-IDENTIFIER: US 5943656 A

TITLE: Methods and systems for computerized bill consolidating, billing and payment authorization, computerized utility bill consolidating, utility billing access and payment and utility provider consolidated billing systems

DATE-ISSUED: August 24, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Crooks; Gerry	Spokane	WA	N/A	N/A
Genzberger; Janna	Spokane	WA	N/A	N/A
Arnhold; Ed	Spokane	WA	N/A	N/A
Battista; John	Spokane	WA	N/A	N/A
Boni; Ken	Hayden Lake	ID	N/A	N/A
Miller; Dave	Spokane	WA	N/A	N/A
Feichtner; Mark	Spokane	WA	N/A	N/A
Kippenhan; Larry	Greenacres	WA	N/A	N/A
Nanto; Shawn	Spokane	WA	N/A	N/A
Orr; Teri	Greenacre	WA	N/A	N/A
Bowers; Dan	Boise	ID	N/A	N/A

ASSIGNEE INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Avista Advantage, Inc.	Spokane	WA	N/A	N/A	02

APPL-NO: 8/ 984708

DATE FILED: December 3, 1997

INT-CL: [6] G06F 17/60

US-CL-ISSUED: 705/30; 705/1, 705/34, 707/104

US-CL-CURRENT: 705/30; 705/1, 705/34, 707/104

FIELD-OF-SEARCH: 395/200.3, 395/200.33, 395/200.47, 395/200.48, 395/200.49, 705/1, 705/30, 705/34, 705/400, 705/412, 705/413, 707/104, 709/200, 709/203, 709/227, 709/218, 709/219

REF-CITED:

U.S. PATENT DOCUMENTS

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PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> 3852571	December 1974	Hall et al.	235/379
<input type="checkbox"/> 4485300	November 1984	Peirce	235/380
<input type="checkbox"/> 4701601	October 1987	Francini et al.	235/449
<input type="checkbox"/> 4734564	March 1988	Boston et al.	235/380
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<input type="checkbox"/> 4949272	August 1990	Vanourek et al.	705/410
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<input type="checkbox"/> 5220501	June 1993	Lawlor et al.	380/24
<input type="checkbox"/> 5283829	February 1994	Anderson	380/24
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<input type="checkbox"/> 5325290	June 1994	Cauffman et al.	705/34
<input type="checkbox"/> 5326959	July 1994	Perazza	235/379
<input type="checkbox"/> 5383113	January 1995	Kight et al.	705/40
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<input type="checkbox"/> 5655089	August 1997	Bucci	705/40
<input type="checkbox"/> 5664115	September 1997	Fraser	705/37
<input type="checkbox"/> 5684951	November 1997	Goldman et al.	395/188.01
<input type="checkbox"/> 5684965	November 1997	Pickering	705/34
<input type="checkbox"/> 5710884	January 1998	Dedrick	395/200.47
<input type="checkbox"/> 5717923	February 1998	Dedrick	707/102

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY
0745947A2	December 1996	EPX

ART-UNIT: 271

PRIMARY-EXAMINER: Cosimano; Edward R.

ATTY-AGENT-FIRM: Wells, St. John, Roberts, Gregory & Matkin,
P.S.

ABSTRACT:

Computerized billing and payment authorization methods and systems are described. In one aspect, a host system includes a database in which information associated with a billable entity from which payment is to be received is stored. Billing

information is received from a billing entity and is associated with a bill for payment by the billable entity. The billable entity is provided with remote electronic access to the billing information in the host computer and can authorize payment thereof. In one implementation, the billing information is scrutinized in accordance with pre-determined tolerance parameters prior to the billable entity gaining access thereto. In another implementation, a plurality of billing entities provide billing information to the host system, with the billing information being subsequently checked and consolidated into a consolidated amount which can be remotely accessed by the billable entity. In a preferred implementation a plurality of utility providers are incorporated into the system and providing billing information for customers which may have a number of different, geographically-separated sites being serviced by different utilities. The billing information is consolidated and made available electronically through access which is initiated by the customer. Preferably, the systems and methodologies of the invention are implemented in connection with a multi-user computer network such as the Internet.

44 Claims, 12 Drawing figures

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Search Results -

Terms	Documents
billing adj3 engine	2

Database: US Patents Full-Text Database

billing adj3 engine

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Search History

DB NameQueryHit Count Set Name

USPT	billing adj3 engine	2	L11	all
USPT	disparate adj1 indust\$	1	L10	
USPT	15 and 18	5	L9	all
USPT	single adj1 bill.	179	L8	
USPT	provid\$ adj1 (single adj1 bill)	1	L7	
USPT	15 and 13	1	L6	
USPT	collect\$ adj1 usage	102	L5	
USPT	collect\$ and usage	31756	L4	
USPT	11 and 12	75	L3	
USPT	(disparate or different or many) adj1 industr\$ and bill\$	484	L2	
USPT	bill\$ and service\$ and (internet or network)	6830	L1	

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Entry 1 of 2

File: USPT

Dec 15, 1998

US-PAT-NO: 5850520

DOCUMENT-IDENTIFIER: US 5850520 A

TITLE: Method and system for electronic publication
distribution including return receipt

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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☐ 2. Document ID: US 5727065 A

Entry 2 of 2

File: USPT

Mar 10, 1998

US-PAT-NO: 5727065

DOCUMENT-IDENTIFIER: US 5727065 A

TITLE: Deferred billing, broadcast, electronic document
distribution system and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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billing adj3 engine	2

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 3917564 A

Entry 1 of 1

File: USPT

Nov 4, 1975

US-PAT-NO: 3917564

DOCUMENT-IDENTIFIER: US 3917564 A

TITLE: Disposal of industrial and sanitary wastes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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Terms	Documents
disparate adj1 indust\$	1

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WEST[Help](#)[Logout](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Generate Collection](#)**Search Results - Record(s) 1 through 5 of 5 returned.**☐ 1. Document ID: US 5917537 A

Entry 1 of 5

File: USPT

Jun 29, 1999

US-PAT-NO: 5917537

DOCUMENT-IDENTIFIER: US 5917537 A

TITLE: Level 1 gateway for video dial tone networks

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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☐ 2. Document ID: US 5748493 A

Entry 2 of 5

File: USPT

May 5, 1998

US-PAT-NO: 5748493

DOCUMENT-IDENTIFIER: US 5748493 A

TITLE: Level 1 Gateway for video dial tone networks

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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☐ 3. Document ID: US 5682325 A

Entry 3 of 5

File: USPT

Oct 28, 1997

US-PAT-NO: 5682325

DOCUMENT-IDENTIFIER: US 5682325 A

TITLE: Level 1 gateway for video tone networks

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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☐ 4. Document ID: US 5621728 A

Entry 4 of 5

File: USPT

Apr 15, 1997

US-PAT-NO: 5621728

DOCUMENT-IDENTIFIER: US 5621728 A

TITLE: Level 1 gateway controlling broadband communications for video dial tone networks

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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☐ 5. Document ID: US 5583864 A

Entry 5 of 5

File: USPT

Dec 10, 1996

US-PAT-NO: 5583864

DOCUMENT-IDENTIFIER: US 5583864 A

TITLE: Level 1 gateway for video dial tone networks

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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Terms	Documents
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[5](#)Display Format:[TI](#)[Change Format](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Help](#)[Logout](#)

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☐ 1. Document ID: US 5737710 A

Entry 1 of 1

File: USPT

Apr 7, 1998

US-PAT-NO: 5737710

DOCUMENT-IDENTIFIER: US 5737710 A

TITLE: Automated vehicle parking system for a plurality of remote parking facilities

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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Terms	Documents
provid\$ adj1 (single adj1 bill)	1

[Display 20 Documents](#)

including document number

[1](#)**Display Format:**[TI](#)[Change Format](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Help](#)[Logout](#)

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 6047274 A

Entry 1 of 1

File: USPT

Apr 4, 2000

US-PAT-NO: 6047274

DOCUMENT-IDENTIFIER: US 6047274 A

TITLE: Bidding for energy supply

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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File 621:Gale Group New Prod. Annou. (R) 1985-2000/Apr 21
 (c) 2000 The Gale Group
 File 636:Gale Group Newsletter DB(TM) 1987-2000/Apr 21
 (c) 2000 The Gale Group
 File 16:Gale Group PROMT(R) 1990-2000/Apr 21
 (c) 2000 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group

*Business
sets*

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S2	4154864	SINGLE OR ONE OR COMPLETE OR SOLE
S3	53073	(S1 OR S2) (3N) (BILLING OR ACCOUNT? ? OR BILLS OR INVOIC? OR FEES OR CHARGES OR TALLY)
S4	312716	(PLURAL? OR MANY OR SEVERAL OR MULTI OR MULTIPLE OR NUMEROUS) (3N) (INDUSTRIES OR BUSINESS OR SERVICE? OR COMPANIES OR UTILITIES OR ISP OR INTERNET() SERVICE() PROVIDER? OR SATELLITE?)
S5	40497	(PLURAL? OR MANY OR SEVERAL OR MULTI OR MULTIPLE OR NUMEROUS) (3N) (PHONE? OR TELEPHONE? OR ELECTRICIT? OR GAS OR REFUSE(-) REMOVAL OR CABLE() (TELEVISION OR TV) OR SECURITY)
S6	1378066	DIFFER? OR DISPARAT? OR DIVERSE OR DISSIMILAR
S7	677257	MAIL OR EMAIL OR ELECTRONIC(3N) (DEBIT? OR MAIL)
S8	3572523	CUSTOM? OR SPECIF? OR PARTICULAR? OR PERSONAL? OR TAILORED
S9	270	S3(3N) (S4 OR S5)
S10	18	S9(10N) S6
S11	5	S10 NOT (PY=>1999 OR PD=>990128)
S12	4	RD S11 (unique items)
S13	77	S9(5N) (S7 OR S8)
S14	74	S13 NOT S10
S15	50	S14 NOT (PY=>1999 OR PD=>990128)
S16	32	RD S15 (unique items)
S17	32	S16 NOT S12

File 473:Financial Times Abstracts 1998-2000/Apr 20
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File 474:New York Times Abs 1969-2000/Apr 20
(c) 2000 The New York Times
File 475:Wall Street Journal Abs 1973-2000/Apr 20
(c) 2000 The New York Times

Newspapers

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Set	Items	Description
S1	191171	CONVERG? OR MERG? OR COMPIL?
S2	139046	SINGLE OR ONE OR COMPLETE OR SOLE
S3	1458	(S1 OR S2) (3N) (BILLING OR ACCOUNT? ? OR BILLS OR INVOIC? OR FEES OR CHARGES OR TALLY)
S4	5859	(PLURAL? OR MANY OR SEVERAL OR MULTI OR MULTIPLE OR NUMEROUS) (3N) (INDUSTRIES OR BUSINESS OR SERVICE? OR COMPANIES OR UTILITIES OR ISP OR INTERNET()SERVICE()PROVIDER? OR SATELLITE?)
S5	138992	PHONE? OR TELEPHONE? OR ELECTRICIT? OR GAS OR SECURITY OR - REFUSE()REMOVAL OR CABLE() (TELEVISION OR TV)
S6	26121	DIFFER? OR DISPARAT? OR DIVERSE OR DISSIMILAR
S7	11532	MAIL OR EMAIL OR ELECTRONIC(3N) (DEBIT? OR MAIL)
S8	132671	CUSTOM? OR SPECIF? OR PARTICULAR? OR PERSONAL? OR TAILORED
S9	13	S3(3N) (S4 OR S5)
S10	0	S9 AND S6
S11	0	S13 AND (S7 OR S8)
S12	12	RD S9 (unique items)
S13	10	S12 NOT (PY=>1999 OR PD=>990128)

File 347:JAPIO Oct 1976-1999/Oct(UPDATED 000208)

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File 351:DERWENT WPI 1963-2000/UD=, UM=, & UP=200019

(c) 2000 Derwent Info Ltd

patents

Bib

Set	Items	Description
S1	77498	CONVERG? OR MERG? OR COMPIL?
S2	3613376	SINGLE OR ONE OR COMPLETE OR SOLE
S3	1344	(S1 OR S2) (3N) (BILLING OR ACCOUNT? ? OR BILLS (
		FEEES OR CHARGES OR TALLY)
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		US) (3N) (INDUSTRIES OR BUSINESS OR SERVICE? OR COMPANIES OR UT-
		ILITIES OR ISP OR INTERNET()SERVICE()PROVIDER? OR SATELLITE?)
S5	1294598	PHONE? OR TELEPHONE? OR ELECTRICIT? OR GAS OR SECURITY OR -
		REFUSE()REMOVAL OR CABLE() (TELEVISION OR TV)
S6	1215269	DIFFER? OR DISPARAT? OR DIVERSE OR DISSIMILAR
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S8	1564659	CUSTOM? OR SPECIF? OR PARTICULAR? OR PERSONAL? OR TAILORED
S9	15	S3(3N) (S4 OR S5)
S10	3	S9 AND S6
S11	1	S10 AND (S7 OR S8)
S12	2	S10 NOT S11
S13	13	S9 NOT S12
S14	8	S13 NOT TELEPHONE?

File 349:PCT Fulltext 1983-2000/UB=, UT=20000302
(c) 2000 WIPO/MicroPatent

File 348:European Patents 1978-2000/Apr W01
(c) 2000 European Patent Office

PCT/Eurpat

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S1	61717	CONVERG? OR MERG? OR COMPIL?
S2	974324	SINGLE OR ONE OR COMPLETE OR SOLE
S3	4790	(S1 OR S2) (3N) (BILLING OR ACCOUNT? ? OR BILLS OR I FEES OR CHARGES OR TALLY)
S4	12368	(PLURAL? OR MANY OR SEVERAL OR MULTI OR MULTIPLE OR NUMERO- US) (3N) (INDUSTRIES OR BUSINESS OR SERVICE? OR COMPANIES OR UT- ILITIES OR ISP OR INTERNET() SERVICE() PROVIDER? OR SATELLITE?)
S5	297979	PHONE? OR TELEPHONE? OR ELECTRICIT? OR GAS OR SECURITY OR - REFUSE() REMOVAL OR CABLE() (TELEVISION OR TV)
S6	670005	DIFFER? OR DISPARAT? OR DIVERSE OR DISSIMILAR
S7	12144	MAIL OR EMAIL OR ELECTRONIC(3N) (DEBIT? OR MAIL)
S8	796937	CUSTOM? OR SPECIF? OR PARTICULAR? OR PERSONAL? OR TAILORED
S9	428	S3(3N) (S4 OR S5)
S10	26	S9(10N) S6
S11	19	S10(S) (S7 OR S8)

File 233:Internet & Personal Comp. Abs. 1981-2000/Apr

(c) 2000 Info. Today Inc.

File 256:SoftBase:Reviews,Companies&Prods. 85-2000/Mar

(c)2000 Info.Sources Inc

File 278:Microcomputer Software Guide 2000/Mar

(c) 2000 Reed Elsevier Inc.

Software

B.B

Set	Items	Description
S1	16625	CONVERG? OR MERG? OR COMPIL?
S2	146676	SINGLE OR ONE OR COMPLETE OR SOLE
S3	581	(S1 OR S2) (3N) (BILLING OR ACCOUNT? ? OR BILI FEES OR CHARGES OR TALLY)
S4	5421	(PLURAL? OR MANY OR SEVERAL OR MULTI OR MULTIPLE OR NUMERO- US) (3N) (INDUSTRIES OR BUSINESS OR SERVICE? OR COMPANIES OR UT- ILITIES OR ISP OR INTERNET()SERVICE()PROVIDER? OR SATELLITE?)
S5	31301	PHONE? OR TELEPHONE? OR ELECTRICIT? OR GAS OR SECURITY OR - REFUSE()REMOVAL OR CABLE() (TELEVISION OR TV)
S6	26661	DIFFER? OR DISPARAT? OR DIVERSE OR DISSIMILAR
S7	21606	MAIL OR EMAIL OR ELECTRONIC(3N) (DEBIT? OR MAIL)
S8	87469	CUSTOM? OR SPECIF? OR PARTICULAR? OR PERSONAL? OR TAILORED
S9	14	S3(3N) (S4 OR S5)
S10	1	S9 AND S6
S11	1	S10 AND (S7 OR S8)
S12	0	S10 NOT S11
S13	12	RD S9 (unique items)
S14	10	S13 NOT (PY=>1999 OR PD=>990128)

File 624:McGraw-Hill Publications 1985-2000/Apr 20
 (c) 2000 McGraw-Hill Co. Inc
 File 634:San Jose Mercury Jun 1985-2000/Apr 16
 (c) 2000 San Jose Mercury News
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 148:Gale Group Trade & Industry DB 1976-2000/Apr 20
 (c)2000 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2000/Apr 20
 (c) 2000 The Gale Group

*Business
set 2*

Set	Items	Description
S1	1136770	CONVERG? OR MERG? OR COMPIL?
S2	4563012	SINGLE OR ONE OR COMPLETE OR SOLE
S3	62444	(S1 OR S2) (3N) (BILLING OR ACCOUNT? ? OR BILLS OR INVOIC? OR FEES OR CHARGES OR TALLY)
S4	397881	(PLURAL? OR MANY OR SEVERAL OR MULTI OR MULTIPLE OR NUMEROUS) (3N) (INDUSTRIES OR BUSINESS OR SERVICE? OR COMPANIES OR UTILITIES OR ISP OR INTERNET()SERVICE()PROVIDER? OR SATELLITE?)
S5	2174156	PHONE? OR TELEPHONE? OR ELECTRICIT? OR GAS OR SECURITY OR - REFUSE()REMOVAL OR CABLE() (TELEVISION OR TV)
S6	1617614	DIFFER? OR DISPARAT? OR DIVERSE OR DISSIMILAR
S7	609357	MAIL OR EMAIL OR ELECTRONIC(3N) (DEBIT? OR MAIL)
S8	3569326	CUSTOM? OR SPECIF? OR PARTICULAR? OR PERSONAL? OR TAILORED
S9	1054	S3(3N) (S4 OR S5)
S10	19	S9(10N)S6
S11	14	S10(S) (S7 OR S8)
S12	8	S11 NOT (PY=>1999 OR PD=>990128)
S13	6	RD S12 (unique items)

File 9:Business & Industry(R) Jul/1994-2000/Apr 20
 (c) 2000 Resp. DB Svcs.
 File 15:ABI/INFORM(R) 1971-2000/Apr 21
 (c) 2000 Bell & Howell
 File 20:World Reporter 1997-2000/Apr 20
 (c) 2000 The Dialog Corporation plc
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 623:Business Week 1985-2000/Apr W3
 (c) 2000 The McGraw-Hill Companies Inc

Business
 Set 1

Set	Items	Description
S1	7383752	INDUSTRIES OR BUSINESS OR SERVICE? OR COMPANIES OR UTILITIES OR ISP OR INTERNET()SERVICE()PROVIDER? OR SATELLITE?
S2	2728442	PHONE? OR TELEPHONE? OR ELECTRICIT? OR GAS OR SECURITY OR - REFUSE()REMOVAL OR CABLE() (TELEVISION OR TV)
S3	472946	(S1 OR S2) (5N) (PLURAL? OR MANY OR SEVERAL OR MULTI OR MULTIPLE OR NUMEROUS)
S4	1498238	DIFFER? OR DISPARAT? OR DIVERSE OR DISSIMILAR
S5	1219443	CONVERG? OR MERG? OR COMPIL?
S6	4686714	SINGLE OR ONE OR COMPLETE OR SOLE
S7	1510758	BILLING OR ACCOUNT? ? OR BILLS OR INVOIC? OR FEES OR CHARGES OR TALLY
S8	657272	MAIL OR EMAIL OR ELECTRONIC(3N) (DEBIT? OR MAIL)
S9	3401618	CUSTOM? OR SPECIF? OR PARTICULAR? OR PERSONAL? OR TAILORED
S10	49	S3(5N)S4(S) (S5 OR S6) (3N)S7
S11	22	S10 NOT (PY=>1999 OR PD=990128)
S12	22	RD S11 (unique items)
S13	28	S10(S) (S8 OR S9)
S14	16	S13 NOT S12
S15	0	S14 NOT (PY=>1999 OR PD=990128)
S16	16	RD S14 (unique items)